

# LOCAL NOTICE TO MARINERS WEEKLY SUPPLEMENT

Issued by: Commander, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060 Telephone: (216) 902-6070  
All times shown in local time unless otherwise noted. Positions are in degrees, minutes, seconds, and tenths of seconds. Numbers within brackets [ / ] refer to the LNM where information was first printed. Direct questions about this LNM to the above address.

## USE OF THE LOCAL NOTICE TO MARINERS

The Weekly Supplemental editions of the Local Notice to Mariners contain only information available subsequent to the issue date of the Monthly edition. To ensure having complete information concerning the waterways within the Ninth Coast Guard District, consult Monthly edition 12/97.

\*\* Electronic Bulletin Board Service: (703)313-5910\*\*  
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BROADCAST NOTICE TO MARINERS (BNM) are issued by Ninth District and all Group offices for their areas of responsibility. Navigation information having been of immediate concern to the Mariner, the following broadcasts have been incorporated into this LNM when still significant:

|                     |                         |                            |                         |
|---------------------|-------------------------|----------------------------|-------------------------|
| Ninth District      | C035-97 through C036-97 | Group Buffalo, NY          | B083-97 through B089-97 |
| Group Detroit, MI   | D130-97 through D140-97 | Group Grand Haven, MI      | G071-97 through G078-97 |
| Group Milwaukee, WI | M078-97 through M082-97 | Group Sault Ste. Marie, MI | S111-97 through S115-97 |

Light List Reference: Commandant Publication P16502.7, VOL VII, 1996 Edition/Coast Pilot Reference: U.S. Coast Pilot 6 Great Lakes 1996 Edition

## REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

### I. SPECIAL NOTICES since LNM 14/97

#### GENERAL - Local Notice to Mariner

The Telephone number to Direct Questions about this LNM has changed to (216) 902 6070. [15/97]

#### GENERAL - Bridge to Bridge Radiotelephone Listening Watch

VHF radio equipment used to meet the U.S. Bridge to Bridge Radiotelephone Act requirement for maintaining a listening watch on the intership navigation channel 13 (channel 67 in lower Mississippi River), must be capable of a continuous, uninterrupted watch. Any radio equipment capable of disrupting the channel 13/67 watch by a distress call on channel 16 or a distress call on the Global Maritime Distress & Safety System digital selective calling channel 70, should either not be used or have that disruption feature disabled. [15/97]

#### U.S. COAST PILOT - 1997 (2<sup>nd</sup>) Edition - Change No 1

Change No 1 to the U.S. Coast Pilot 1, Great Lakes: Lakes Ontario, Erie, Huron, Michigan, and Superior and St. Lawrence River, 1997 (2<sup>nd</sup>) edition publication can be found in enclosure (1) of Local Notice to Mariners 15/97. [15/97]

#### GREAT LAKES - DGPS Saginaw DGPS Site Certification

Intermittent off-air time is authorized for operational site certification of Saginaw DGPS site on 24-25 July 1997. [15/97]

#### GREAT LAKES - DGPS Cheboygan DGPS Site Certification

Intermittent off-air time is authorized for operational site certification of Cheboygan DGPS site on 21-22 July 1997. [15/97]

#### GREAT LAKES - LORAN-C Station Seneca (Rate 9960-M/8970-X) Proposed Off-Air Time

This is a proposal to authorize LORSTA Seneca (rate 9960-M/8970-X) off-air time from 1400Z to 1600Z 08 JUL 1997. The alternate time will be from 1400Z to 1600Z on 17 JUL 1997. Objections will be considered until 1600Z 08 JUL 1997. Users shall address inquiries to the Northeast Coordinator Of Chain Operations at (607) 869-1334. Current LORAN-C status is available 24 HRS/day through an electronic bulletin board system at PH# (703) 313-5910. [15/97]

#### LAKE ERIE - OH - Cleveland Harbor - Main Entrance Closure - Chart 14839

Starting at 1100 local, June 29 1997 the Cleveland Harbor main entrance will be closed to all recreational traffic due to the offshore powerboat race. Traffic may enter and exit through edgewater cut. Vessels wishing to transit east may do so by traveling close to shore in the inner harbor upon approval by USCG Patrol Commander. Concerned traffic may contact USCG Patrol Commander on VHF-FM CH 16 or at (216) 522-4412. [15/97]

#### LAKE MICHIGAN - MI - Northern Half

Floating logs are drifting into the near-shore area and coming ashore from Muskegon to Charlevoix. These logs, which are fresh-cut pine logs generally 8-10 feet long and 4-6 inches in diameter, with some bark still on them, are the remains of a spill which occurred in the middle of the lake late April. In addition there are some unknown number of logs still adrift in the lake from a similar spill which occurred in May 1996. Mariners should use caution when transiting this area. [15/97]

#### LAKE MICHIGAN - MI - Arcadia Harbor, - Condition of Channel, Chart 14907

After dredging surveys performed within the Federal navigation channel at Arcadia Harbor, Michigan during June 1997, indicate the 9 ft. maintenance depth is available. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-38. Internet address: <http://sparky.nce.usace.army.mil/OandM/o&m.html>. [15/97]

## II. DISCREPANCIES IN AIDS TO NAVIGATION as of 1000, 24 JUNE, 1997

This section lists all changes to discrepancies since Local Notice to Mariners 14/97. The following abbreviations are used:

|        |                                |          |                                   |        |                                |
|--------|--------------------------------|----------|-----------------------------------|--------|--------------------------------|
| B      | Buoy                           | BKW      | Breakwater                        | (C)    | Canadian Aid                   |
| CH     | Channel                        | DAM      | Damaged                           | DAYBD  | Dayboard                       |
| DBN    | Daybeacon                      | DECOM    | Decommissioned                    | DISCON | Discontinued                   |
| ENT    | Entrance                       | ESTB     | Established                       | EXT    | Extinguished                   |
| FS     | Fog Signal                     | HBR      | Harbor                            | IMCH   | Improper Characteristic        |
| INOP   | Inoperative                    | JCT      | Junction                          | LB     | Lighted Buoy                   |
| LBB    | Lighted Bell Buoy              | LGB      | Lighted Gong Buoy                 | LHB    | Lighted Horn Buoy              |
| LIB    | Lighted Ice Buoy               | LT       | Light                             | LWP    | Left Watching Properly         |
| OBST   | Obstruction                    | OFFSTA   | Off Station                       | (P)    | Private Aid                    |
| PARSUB | Partially Submerged            | PAROBSC  | Partially Obscured                | PHD    | Pierhead                       |
| RBN    | Radiobeacon                    | RAC      | Racon                             | DIM    | Reduced Intensity              |
| RELDRG | Relocated for dredging         | RELSHL   | Relocated for Shoaling            | RELCON | Relocated for Construction     |
| RF     | Range Front                    | RPTD     | Reported                          | RR     | Range Rear                     |
| (SLS)  | St. Lawrence Seaway Devel Corp | SND CONT | Sounding Continuously             | TRUB   | Temporarily Replaced With An B |
| TRLB   | Temporarily Replaced With A LB | TRLT     | Temporarily Replaced With A Light | W/M    | Winter Mark                    |

### A. RECENT DISCREPANCIES

| LLNR  | Name of aid                                 | Status   | Charts Affected | BNM Ref. | LNM Ref. |
|-------|---|----------|-----------------|----------|----------|
| 00240 | ST. LAWRENCE SEAWAY LB 40 (SLS)             | RPT EXT  | 14766           | B087-97  | 15/97    |
| 01685 | SLS CARLETON ISLAND SOUTH CHANNEL B 1 (SLS) | OFF STA  | 14767           | B086-97  | 15/97    |
| 02670 | BUFFALO INTK CRIB LT (P)                    | LT EXT   | 14833           | N/A      | 15/97    |
| 04520 | HURON RIVER MOORING BASIN S. LT (P)         | LT IMCH  | 14843           | D136-97  | 15/97    |
| 15150 | LAC LA BELLE N PHD LT                       | DBN DEST | 14964           | S113-97  | 15/97    |
| 19532 | ST JOSEPH RIV B 6                           | OFF STA  | 14932           | G075-97? | 15/97    |
| 19825 | CALUMET HBR LB 07                           | LT IMCH  | 14927           | M082-97  | 15/97    |
| 20490 | RACINE HARBOR EAST ENT. LT 2 (P)            | FS INOP  | 14925           | M079-97  | 15/97    |
| 20660 | MILWAUKEE N ENT LT 01                       | LT EXT   | 14924           | M080-97  | 15/97    |
| 20757 | MCKINLEY MARINA LIGHT 2 (P)                 | LT EXT   | 14924           | M081-97  | 15/97    |

### B. DISCREPANCIES CORRECTED

| LLNR  | Name of aid                          | Status | Charts Affected | BNM Ref. | LNM Ref. |
|-------|--------------------------------------|--------|-----------------|----------|----------|
| 02050 | MEXICO PT BOAT LAUNCH RAMP LT 1 (P)  | LWP    | 14803           | B082-97  | 14/97    |
| 02055 | MEXICO PT BOAT LAUNCH RAMP LT 2 (P)  | LWP    | 14803           | B082-97  | 14/97    |
| 02525 | LEWISTOWN SKI JUMP LT (P)            | LWP    | 14816           | B074-97  | 14/97    |
| 03265 | LITTLE RIVER RANGE FRONT LT (P)      | LWP    | 14832           | B080-97  | 14/97    |
| 03270 | LITTLE RIVER RANGE REAR LT (P)       | LWP    | 14832           | B080-97  | 14/97    |
| 03292 | NIAGARA FALLS INTAKE CRIB LT "2" (P) | LWP    | 14832           | B078-97  | 14/97    |
| 03890 | FAIRPORT HBR PORT AUTH BOAT RAMP (P) | LWP    | 14837           | B077-97  | 14/97    |
| 06050 | MAUMEE BAY ENT LT 02                 | LWP    | 14847           | D132-97  | 14/97    |
| 06550 | BOLLES HBR RF LT                     | LWP    | 14846           | D130-97  | 14/97    |
| 12535 | BOIS BLANC LT                        | LWP    | 14881           | S026-97  | 50/96    |
| 14635 | MARQUETTE BKW OUT LT                 | LWP    | 14970           | S098-97  | 12/97    |
| 17750 | WHITE SH LT                          | LWP    | 14911           | S219-96  | 39/96    |
| 18395 | FRANKFORT S PIER LT                  | LWP    | 14939           | G080-97  | 11/97    |
| 18710 | MUSKEGON S PHD LT                    | LWP    | 14934           | N/A      | 02/97    |
| 20305 | SOUTH HARBOR MARINA LT 2 (P)         | LWP    | 14904           | M058-97  | 12/97    |

## III. TEMPORARY CHANGES IN AIDS TO NAVIGATION as of 1000, 24 JUNE, 1997

### A. RECENT TEMPORARY CHANGES

| LLNR  | Name of aid               | Status | Charts Affected | BNM Ref. | LNM Ref. |
|-------|---------------------------|--------|-----------------|----------|----------|
| 15220 | ONTONAGON HBR EAST BKW LT | DISCON | 14965           | S112-97  | 15/97    |

### B. TEMPORARY CHANGES CORRECTED

| LLNR | Name of aid | Status | Charts Affected | BNM Ref. | LNM Ref. |
|------|-------------|--------|-----------------|----------|----------|
| None |             |        |                 |          |          |

## IV. CHART CORRECTIONS since LNM 14/97

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

| Chart number | Chart edition   | Edition date | Last Local Notice to Mariners | Reference datum | Source Agency of ..... correction | Current Notice to Mariners |
|--------------|---|--------------|-------------------------------|-----------------|-----------------------------------|----------------------------|
| 14922        | 17th ed.<br>MANITOWOC AND SHEBOYGAN HARBORS<br>Change | 4/25/92      | Last LNM 12/93                | NAD 83          | (CGD9)                            | 17/93                      |
|              | Corrective action                                     |              | Object of corrective action   |                 |                                   | Position                   |
|              |   |              |                               |                 |                                   | 44 05 29.0N 87 38 37.0W    |

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from lakeward. Nominal range of lights is expressed in statute miles (St. M).

|       |          |        |                |        |        |       |
|-------|----------|--------|----------------|--------|--------|-------|
| 14766 | 30th ed. | 7/3/93 | Last LNM 29/96 | NAD 83 | (CGD9) | 15/97 |
|-------|----------|--------|----------------|--------|--------|-------|

**GRENADIER ISLAND, ONT. TO BARTLETT POINT, NY.**

Delete Clayton Municipal Pier Light, F G, (Priv) at: 44 14 12.3N 76 05 28.8W

**14774** 16th ed. 12/19/92 Last LNM 29/96 NAD 83 (CGD9) 15/97**ROUND ISLAND AND GANANOQUE, ONT. TO WOLFE ISLAND, ONT**

Delete Clayton Municipal Pier Light, F G, 15ft, (Priv) at: 44 14 12.3N 76 05 28.8W

**14846** 8th ed. 6/1/91 Last LNM 14/97 NAD 83 (CGD9) 15/97**P.30,31 (SC) PTE. MOUILLEE TO TOLEDO TO PORT CLINTON**

Relocate Toussaint River Buoy 1, G, C (41 35 13.7N, 83 03 28.0W) to: 41 35 13.3N 83 03 24.4W

Toussaint River Buoy 3, G, C (41 35 13.5N, 83 03 31.2W) to: 41 35 12.7N 83 03 30.6W

Toussaint River Buoy 5, G, C (41 35 12.4N, 83 03 38.7W) to: 41 35 12.0N 83 03 36.9W

**14884** 36th ed. 12/18/93 Last LNM 01/97 NAD 83 (CGD9) 15/97**ST MARYS RIVER-HEAD OF LAKE NICOLET TO WHITEFISH BAY****Insets: Sault Ste. Marie - MI**

Change Brush Point Daybeacon, BN, to Brush Point Light "A", Q, 25ft, 3 St M at: 46 28 20.4N 84 27 27.0W

**14902** 27th ed. 11/02/96 Last LNM 13/97 NAD 83 (CGD9) 15/97**NORTH END OF LAKE MICHIGAN, Including Green Bay (LORAN C)**

Delete Rock Island South Shoal Buoy 2, R, N at: 45 23 39.0N 86 49 15.0W

**14906** 22nd ed. 3/9/91 Last LNM 18/96 NAD 83 (CGD9) 15/97**SOUTH HAVEN TO STONY LAKE (LORAN C)**

Change White Lake Pierhead Inner Light "4" to Fl R 2.5s, 30ft, 4 St M at: 43 22 30.0N 86 25 20.8W

**14917** 22nd ed. 1/10/90 Last LNM 24/96 NAD 83 (CGD9) 15/97**MENOMINEE AND MARINETTE HARBORS**

Add Danger circle "obstn" (PA) at: 45 06 01.2N 87 37 00.0W

**14935** 20th ed. 4/20/91 Last LNM 19/96 NAD 83 (CGD9) 15/97**WHITE LAKE**

Change White Lake Pierhead Inner Light "4" to Fl R 2.5s, 30ft, 4 St. M at: 43 22 30.0N 86 25 20.8W

**V. ADVANCE NOTICE OF CHANGES TO AIDS TO NAVIGATION**since LNM 14/97**LAKE ONTARIO - NY - SODUS BAY - Chart 14814**

Change the characteristics of Sodus Outer Light (LLNR 2170) from OC W 4s to ISO W 6s and reduce the nominal range from 15 to 10 statute miles and solarize. [15/97]

**LAKE ERIE - OH - Conneaut Harbor - Chart 14824**

Increase the nominal range of Conneaut Harbor West Breakwater Light from 17/14 to 18/15 statute miles and solarize [15/97]

**LAKE ERIE - OH - Erie Harbor - Chart 14835**

Change the characteristics of Erie Harbor Pierhead Light (LLNR 3495) from OC R 4s to FL R 2.5s and reduce the nominal range from 11 to 7 statute miles and solarize. [15/97]

**LAKE MICHIGAN - WI - Stoney Lake to Point Besie Chart 14907**

Change the characteristic of Frankfort South Pierhead LT (LLNR 19395) TO FL R 6s and solarize. [15/97]

**LAKE SUPERIOR - MN - Redridge To Saxon Harbor - Chart 14965**

Relocate Ontonagon Harbor East Pierhead Light (LLNR 15220) to the end of the breakwall being extended 120FT by the U.S. Army Corps of Engineers. The light will be extinguished from now until it is relocated. [15/97]

Questions regarding these advance notices should be directed to LTJG Corey A. Henige, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060.

**VI. PROPOSED CHANGES IN AIDS TO NAVIGATION**since LNM 14/97(None)**VII. GENERAL NOTICES**since LNM 14/97**LAKE ERIE - OH - Toledo -Bridge Operating Schedule During Maintenance, Chart 14847**

Mariners are required to provide at least a 12 hour advance notice prior to passing the Craig Memorial bridge at mile 3.3 over the Maumee River in Toledo, OH. This advance notice requirement will be in effect until the end of the 1997 navigation season. [15/97]

**GREAT LAKES - General MARINE EVENTS**

Events listed below are those events that do not have accompanying special local regulations. Mariners transiting these areas are not required to contact the U.S. Coast Guard, but are asked to exercise caution when navigating through the area of the event.

| Location                | Events  | Dates                  | Time (Local)           |
|-------------------------|---|------------------------|------------------------|
| Chicago, IL             | CCYC Race Series                              | MAY 15-Oct 15          | 1030-1700              |
| Sheboygan, WI           | '97 Sailboat Races                            | MAY 21-Sep 21          | Various                |
| Milwaukee, WI           | Summerfest                                    | JUNE 26-JULY-06        | 1130-2400              |
| Cleveland, OH           | Edgewater YC - Sailboat Race                  | JUNE 27                | 1800 - 2200            |
| Cleveland, OH           | Cleveland Race Week                           | JUNE 27                | 1800 - 2400            |
| St. Clair Shores, MI    | City of St. Clair Shores Fireworks            | JUNE 27                | 2200 - 2300            |
| Milwaukee, WI           | Queen's Cup Race                              | JUNE 27 - 28           | 1800 - 0600            |
| Racine, WI              | Midwest Watercross tour                       | JUNE 27 - 29           | 0800 - 1700            |
| Cleveland, OH           | Edgewater YC - Sailboat Race                  | JUNE 28                | 1000 - 1600            |
| Cleveland, OH           | Cleveland Race Week                           | JUNE 28                | 0930 - 1700            |
| Toledo, OH              | Washington Twp. Firefighters Summerfest       | JUNE 28                | 1800 - 2300            |
| Port Huron, MI          | PHYC Lake Huron Intn'l Regatta                | JUNE 28                | 1000 to 1800 JUNE 29th |
| Detroit, MI             | Ecorse Invitatnl Rowing Regatta               | JUNE 28                | 0700 - 1300            |
| Saginaw, MI             | Annual Saginaw River Cruise - USPS            | JUNE 28                | 1030 - 1730            |
| Milwaukee, WI           | Queen's Cup Race                              | JUNE 28                | 1800 - 0600            |
| Racine, WI              | Midwest Watercross tour                       | JUNE 28                | 0800 - 1700            |
| Chicago, IL             | Navy Pier Fireworks                           | JUNE 28                | 2215 - 2230            |
| Cleveland, OH           | Silver Anniversary OFFSHORE Challenge         | JUNE 29                | 1100 - 1400            |
| Cleveland, OH           | Edgewater YC - Sailboat Race                  | JUNE 29                | 1000 - 1600            |
| Cleveland, OH           | Cleveland Race Week                           | JUNE 29                | 0930 - 1700            |
| Cleveland, OH           | USSA Jr. Women's' Sailing Championship        | JUNE 29                | 1200 - 1600            |
| Racine, WI              | Midwest Watercross tour                       | JUNE 29                | 0800 - 1700            |
| Cleveland, OH           | EdgewaterYC - Sailboat Race                   | JUNE 30                | 1600 - 2200            |
| Cleveland, OH           | USSA Jr. Women's' Sailing Championship        | JUNE 30                | 0930 - 1600            |
| Cleveland, OH           | Edgewater YC - Sailboat Race                  | JULY 01                | 1600 - 2200            |
| Cleveland, OH           | USSA Jr. Women's' Sailing Championship        | JULY 01                | 0930 - 1600            |
| St. Clair Shores, MI    | Sigma Gamma Fireworks                         | JULY 01                | 2130 - 2200            |
| Chicago, IL             | Navy Pier Fireworks                           | JULY 01                | 2130 - 2145            |
| Cleveland, OH           | Edgewater YC - Sailboat Race                  | JULY 02                | 1600 - 2200            |
| Cleveland, OH           | USSA Jr. Women's' Sailing Championship        | JULY 02                | 0930 - 1600            |
| Cleveland, OH           | Edgewater YC - Sailboat Race                  | JULY 02                | 1600 - 2200            |
| Cleveland, OH           | USSA Jr. Women's' Sailing Championship        | JULY 03                | 0930 - 1600            |
| Bay City, MI            | Bay City Fireworks                            | JULY 03                | 2205 - 2255            |
| Milwaukee, WI           | Firstar Fireworks                             | JULY 03 (rain date 04) | 2120 - 2150            |
| Sheboygan, WI           | Venetian Night Boat Parade                    | JULY 03                | 2100 - 2230            |
| Chicago, IL             | Taste Of Chicago Fireworks                    | JULY 03 (rain date 04) | 2100 - 2200            |
| Toledo, OH              | International Park Fireworks                  | JULY 04 (rain date 05) | 2130 - 2230            |
| Toledo, OH              | Vollmars Park Regatta (Hydro & run-about/b)   | JULY 04                | 1100 - 1900            |
| Lorain, OH              | Lorain Port AuthorityFireworks                | JULY 04                | 2200 - 2300            |
| Belle Maer Harbor, MI   | Fireworks                                     | JULY 04                | 2200 - 2300            |
| Trenton, MI             | Fireworks                                     | JULY 04                | 2200 - 2300            |
| Algonac, MI             | Lions Pickerel Tournament (Fireworks)         | JULY 04                | 1000 - 2240            |
| Tawas City, MI          | City Pier Fireworks                           | JULY 04                | 2000 - 2300            |
| Green Bay, WI           | Celebrate Americafest                         | JULY 04 - 05           | 1000 - 2200            |
| Sheboygan, WI           | Fireworks                                     | JULY 04                | 2100 - 2230            |
| Racine, WI              | Fourth Fest                                   | JULY 04                | 2100 - 2130            |
| Kenosha, WI             | Fireworks                                     | JULY 04                | 2100 - 2230            |
| Manitowoc, WI           | Fireworks                                     | JULY 04                | 2100 - 2200            |
| Chicago, IL             | Navy Pier Fireworks                           | JULY 04                | 2215 - 2230            |
| Cleveland, OH           | Edgewater YC - Sailboat Race                  | JULY 05                | 1000 - 1600            |
| Huron, OH               | Huron Doublehanded Challenge                  | JULY 05                | 1000 to 1800 JULY 07   |
| Toledo, OH              | Toledo Country ClubFireworks                  | JULY 05                | 2130 - 2330            |
| Toledo, OH              | Vollmars Park Regatta (Hydro & run-about o/b) | JULY 05                | 1100 - 1900            |
| Grosse Pointe Farms, MI | Fireworks                                     | JULY 05                | Sunset - 2230          |
| Caseville, MI           | Fireworks                                     | JULY 05                | 2130 - 2330            |
| Bay City, MI            | Bay City Fireworks                            | JULY 05                | 2205 - 2255            |
| St. Clair, MI           | Grosse Pointe Sail Club Regatta               | JULY 05                | 0900 - 1700            |
| Manitowoc, WI           | Super Tournament                              | JULY 05                | 0500 - 1700            |
| Chicago, IL             | Navy Pier Fireworks                           | JULY 05                | 2215 - 2230            |
| Cleveland, OH           | Edgewater YC - Sailboat Race                  | JULY 06                | 1000 - 1600            |
| Toledo, OH              | Vollmars Park Regatta (Hydro & run-about o/b) | JULY 06                | 1100 - 1900            |
| Milwaukee, WI           | Kaszube Cup Races                             | JULY 07 - 09           | 1000 - 1600            |
| Chicago, IL             | Navy Pier Fireworks                           | JULY 08                | 2130 - 2145            |

|               |                              |         |             |
|---------------|------------------------------|---------|-------------|
| Cleveland, OH | Edgewater YC - Sailboat Race | JULY 09 | 1600 - 2200 |
| Chicago, IL   | Navy Pier Fireworks          | JULY 10 | 2130 - 2145 |

# SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS STILL IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completion are tentative.

| Location                          | LNM   | Subject                 | Hours / Days            | Until        |
|-----------------------------------|-------|-------------------------|-------------------------|--------------|
| <b><u>ST. LAWRENCE SEAWAY</u></b> |       |                         |                         |              |
| Prescott, Ont                     | 04/97 | DIVING OPERATIONS       | DAYLIGHT                | FURTH NOTICE |
| Erie Canal, Herkimer, NY          | 09/97 | BRIDGE CONSTRUCTION     | 0700-1700/MON-SAT       | 31 AUG 97    |
| <b><u>LAKE ERIE</u></b>           |       |                         |                         |              |
| Erie Harbor - East Basin          | 01/97 | DREDGING                | 24HRS/7 DAYS A WEEK     | 31 AUG 97    |
| Cleveland, OH                     | 05/97 | BREAKWALL CONSTRUCTION  | 24HRS/7 DAYS A WEEK     | 31 OCT 97    |
| Avon Lake, OH                     | 03/97 | PIER RENOVATION         | 0700-1800/MON-FRI       | 30 SEP 97    |
| Toledo, OH                        | 09/97 | CONSTRUCTION            | 0700-1800/MON-SAT       | 15 JUL 97    |
| Toledo, OH                        | 15/97 | MAINTENANCE             |                         | 01 NOV 97    |
| MI River Raisin                   | 10/97 | DREDGING                |                         | 05 SEP 97    |
| Lake Erie to Lake Huron           | 03/97 | SURVEY OPERATIONS       | 0700-1900/MON-FRI       | 15 DEC 97    |
| <b><u>LAKE HURON</u></b>          |       |                         |                         |              |
| Saginaw Bay and River, MI         | 03/97 | SURVEY OPERATIONS       |                         | 15 DEC 97    |
| <b><u>ST. MARYS RIVER</u></b>     |       |                         |                         |              |
| St. Marys River, MI               | 02/97 | CHANNEL MAINTENACE      |                         | 31 DEC 97    |
| St. Marys River, MI               | 05/97 | GATE REPAIRS            | 12HRS/7 DAYS A WEEK     | 15 SEP 97    |
| <b><u>LAKE SUPERIOR</u></b>       |       |                         |                         |              |
| Little Lake Harbor, MI            | 10/97 | DREDGING                | 0700-1900/7 DAYS A WEEK | 16 JUL 97    |
| Duluth, MN                        | 14/97 | DREDGING                | 24HRS/7 DAYS A WEEK     | 15 AUG 97    |
| Silver Bay, MN                    | 10/97 | BREAKWATER CONSTRUCTION | 0500-2300/MON-SAT       |              |
| <b><u>LAKE MICHIGAN</u></b>       |       |                         |                         |              |
| Portage Lake, MI                  | 06/97 | DREDGING                | 24HRS/7 DAYS A WEEK     | 15 JUL 97    |
| Pentwater, MI                     | 02/97 | BREAKWALL REPAIR        | 24HRS/7 DAYS A WEEK     | 30 NOV 97    |
| Pentwater, MI                     | 08/97 | DREDGING                | 24HRS/7 DAYS A WEEK     | 03 JUL 97    |
| White Lake, MI                    | 04/97 | CONSTRUCTION            | 0800-1800/MON-SAT       | 07 AUG 97    |
| Adams St. Bridge, Chicago, MI     | 04/97 | BRIDGE MAINTENANCE      | 24HRS/7 DAYS A WEEK     | 30 JUN 97    |
| Grand Ave. Bridge, Chicago, MI    | 09/97 | BRIDGE MAINTENANCE      | 0700-2300/7 DAYS A WEEK | 10 AUG 97    |
| Waukegan, IL                      | 10/97 | DREDGING                | 24HRS/7 DAYS A WEEK     | 15 JUL 97    |
| SAG Hwy, Chicago, IL              | 36/96 | BRIDGE MAINTENANCE      |                         | 31 MAY 98    |
| Jackson Park, Chicago, IL         | 05/97 | BREAKWALL MAINTENANCE   | 24HRS/MON-SAT           | 15 DEC 97    |
| Clark St., Chicago, IL            | 05/97 | BRIDGE MAINTENANCE      | 0700-1530/MON-FRI       | 14 AUG 97    |
| Harrison St. Bridge, Chicago, IL  | 14/97 | BRIDGE MAINTENANCE      | 1900-0600/MON-FRI       | 27 JUL 97`   |
| Cermak Road Bridge, Chicago, IL   | 01/97 | BRIDGE REHABILITATION   | 0700-1530/MON-SAT       | MAY 98`      |
| Ashland St. Bridge, Calumet, IL   | 01/97 | BRIDGE MAINTENANCE      | 0700-1730/MON-SAT       | 31 AUG 97    |
| Milwaukee, WI                     | 03/97 | BREAKWALL REPAIR        | 0600-1900/7 DAYS A WEEK | 30 JUN 97    |
| Milwaukee, WI                     | 05/97 | BRIDGE CONSTRUCTION     | 0700-1500/MON-FRI       | 01 NOV 97    |
| Fox River, Green Bay, WI          | 09/97 | BRIDGE CONSTRUCTION     | 0630-1730/MON-FRI       | 01 NOV 97    |

## VIII. LIGHT LIST CORRECTIONS, VOL VII, GREAT LAKES Since LNM 14/97

(\* Denotes the column in which a correction has been made or new information added.)

| (1)<br>No.   | (2)<br>Name and location        | (3)<br>Position    | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                     | (8)<br>Remarks                   |
|--|---------------------------------|--------------------|-----------------------|---------------|--------------|--|----------------------------------|
| Page i   |                                 |                    |                       |               |              |  |                                  |
| *** Change note: Includes corrections through:<br>Ninth Coast Guard District Local Notice to Mariners No. 1/97<br>and<br>National Imagery and Mapping Agency Notice to Mariners No. 13/97. |                                 |                    |                       |               |              |  |                                  |
| 1530   | CLAYTON MUNICIPAL<br>PIER LIGHT |                    |                       |               |              |  | Remove from list.<br><br>* 15/97 |
| 2160   | - LIGHT 4                       |                    |                       |               |              |  | Remove from list.<br>* 12/97     |
| 2320   | - Light                         | 43 15.8<br>77 36.0 | Fl W 4s               | 59<br>18      | 14           | White cylindrical tower<br>with red band.<br>31<br>* | 15/97                            |

|      |                                   |                    |  |          |                            |  |   |
|------|-----------------------------------|--------------------|--|----------|----------------------------|--|---|
| 2530 | - <i>Reporting Lighted Buoy W</i> |                    |  |          |                            |  | Remove from list.   |
|      |                                   |                    |  |          |                            |  | <b>*</b> <b>04/97</b>   |
| 2680 | - <b>Light</b>                    |                    | <b>Al WG</b> 10s   | 71<br>22 | W 22<br>G 18               | White tower.   | HORN: 2 blasts ev 30s<br>(2s bl-2s si-2s bl-24s si).<br>Standby light <b>ø</b> reduced<br>intensity.  |
|      |                                   |                    | <b>*</b>   |          | <b>*</b>                   |  | <b>12/97</b>  |
| 3260 | SANDY BEACH YACHT<br>CLUB LIGHT   |                    |  |          |                            |  | Remove from list.   |
|      |                                   |                    |  |          |                            |  | <b>*</b> <b>15/97</b>   |
| 4160 | - <b>Main Entrance Light</b>      | 41 30.7<br>81 43.1 | <b>Al WR</b> 10s<br>0.1s W fl 4.9sec<br>0.1s R fl 4.9sec | 23<br>7  | <b>W</b> 16<br><b>R</b> 14 | White conical tower with<br>fog signal building<br>attached. | HORN: 2 blasts ev 30s<br>(2s bl-2s si-2s bl-24s si)<br>Tower floodlighted from sunset<br>to sunrise.<br>Standby light <b>Fl R</b> 6s) of<br>reduced intensity.<br>Obscured from 194 to 252. |
|      |                                   |                    |  |          | <b>*</b>                   |  | <b>*</b> <b>13/97</b>   |
| 4175 | - LIGHT 4                         |                    | <b>Fl R</b> 4s   | 29<br>9  | 5                          | TR on post.<br>19  |   |
|      |                                   |                    |  |          | <b>*</b>                   |  | <b>13/97</b>  |
| 4185 | - LIGHT 6                         |                    | <b>Fl R</b> 2.5s   | 27<br>8  | 4                          | TR on post.<br>18  |   |
|      |                                   |                    |  |          | <b>*</b>                   |  | <b>13/97</b>  |
| 4500 | - LIGHT 5                         |                    | <b>Fl G</b> 4s   | 25<br>8  | 4                          | SG on post.  |   |
|      |                                   |                    |  |          | <b>*</b>                   |  | <b>08/97</b>  |
| 4510 | - LIGHT 7                         | 41 23.9<br>82 32.9 | <b>Fl G</b> 4s   | 25<br>8  | 3                          | SG on post.  | Higher intensity lakeward.  |
|      |                                   |                    |  |          | <b>*</b>                   |  | <b>08/97</b>  |
| 5265 | MARBLEHEAD STONE<br>DOCK LIGHT    | 41 32.7<br>82 43.8 | <b>Q W</b>   | 18<br>5  |                            | NW on post.  | Maintained from Mar. 15<br>to Dec. 15.<br>Private aid.  |
|      |                                   |                    | <b>*</b>   |          | <b>*</b>                   |  | <b>08/97</b>  |
| 5380 | - ENTRANCE CHANNEL<br>LIGHT 1     | 41 34.1<br>82 48.5 | <b>Fl G</b> 4s   | 31<br>9  | 5                          | SG on pile.  |   |
|      |                                   |                    |  |          | <b>*</b>                   |  | <b>07/97</b>  |
| 5385 | - ENTRANCE CHANNEL<br>LIGHT 2     |                    | <b>Fl R</b> 2.5s   | 31<br>9  | 5                          | TR on post.  |   |
|      |                                   |                    |  |          | <b>*</b>                   |  | <b>07/97</b>  |
| 5990 | - Buoy 1                          |                    |  |          |                            | Green can.   | Maintained from May 1<br>to Nov. 15.<br>Private aid.  |
|      |                                   |                    |  |          |                            |  | <b>*</b> <b>09/97</b>   |
| 5995 | - Buoy 2                          |                    |  |          |                            | Red nun.   | Maintained from May 1<br>to Nov. 15.<br>Private aid.  |
|      |                                   |                    |  |          |                            |  | <b>*</b> <b>09/97</b>   |
| 7750 | MAMAJUDA LIGHT                    |                    |  |          |                            |  | Remove from list.   |
|      |                                   |                    |  |          |                            |  | <b>*</b> <b>03/97</b>   |

| (1)<br>No. | (2)<br>Name and location                               | (3)<br>Position    | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks  |
|------------|--|--------------------|-----------------------|---------------|--------------|------------------|---|
| 7755       | - <i>Lighted Buoy 89</i>                               |                    | <b>FI G</b> 4s        |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 1.                    |
|            | *  |                    | *                     |               | *            | *                | * <b>03/97</b>  |
| 8530       | - <i>Lighted Buoy 24</i>                               |                    | <b>FI R</b> 2.5s      |               | 4            | Red.             |   |
|            |  |                    | *                     |               |              |                  | <b>02/97</b>  |
| 8545       | - <i>Lighted Buoy 25</i>                               |                    | <b>FI G</b> 4s        |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 7.                    |
|            | *  |                    | *                     |               | *            | *                | * <b>02/97</b>  |
| 8550       | - <i>Lighted Buoy 26</i>                               |                    | <b>FI R</b> 4s        |               | 4            | Red.             | Replaced by nun from Dec. 14<br>to Apr. 7.                    |
|            | *  |                    | *                     |               | *            | *                | * <b>02/97</b>  |
| 8565       | - <i>Lighted Buoy 29</i>                               |                    | <b>FI G</b> 2.5s      |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 7.                    |
|            |  |                    | *                     |               |              |                  | <b>02/97</b>  |
| 10213      | <i>Grindstone City Approach<br/>Lighted Buoy "2GC"</i> | 44 03.7<br>82 53.2 | <b>FI R</b> 4s        |               |              | Red.             | Maintained from Apr 1<br>to Oct 15.                           |
| *          | *  | *                  | *                     |               |              | *                | Private aid.<br>* <b>15/97</b>                                |
| 10575      | - <i>Lighted Buoy 2</i>                                |                    | <b>FI R</b> 2.5s      |               | 4            | Red.             | Nun; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14. |
|            |  |                    |                       |               |              |                  | * <b>06/97</b>  |
| 10590      | - <i>Lighted Buoy 3</i>                                |                    | <b>FI G</b> 4s        |               | 4            | Green.           | Can; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14. |
|            |  |                    |                       |               |              |                  | * <b>06/97</b>  |
| 10595      | - <i>Lighted Buoy 4</i>                                |                    | <b>FI R</b> 4s        |               | 4            | Red.             | Nun; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14. |
|            |  |                    |                       |               |              |                  | * <b>06/97</b>  |
| 10600      | - <i>Lighted Buoy 5</i>                                |                    | <b>FI G</b> 4s        |               | 4            | Green.           | Can; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14. |
|            |  |                    |                       |               |              |                  | * <b>06/97</b>  |
| 10605      | - <i>Lighted Buoy 6</i>                                |                    | <b>FI R</b> 4s        |               | 4            | Red.             | Nun; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14. |
|            |  |                    |                       |               |              |                  | * <b>06/97</b>  |
| 10610      | - <i>Lighted Buoy 7</i>                                |                    | <b>FI G</b> 2.5s      |               | 4            | Green.           | Can; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14. |
|            |  |                    |                       |               |              |                  | * <b>06/97</b>  |
| 10615      | - <i>Lighted Buoy 8</i>                                |                    | <b>FI R</b> 2.5s      |               | 4            | Red.             | Nun; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14. |
|            |  |                    |                       |               |              |                  | * <b>06/97</b>  |
| 10620      | - <i>Lighted Buoy 9</i>                                |                    | <b>FI G</b> 4s        |               | 4            | Green.           | Can; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14. |
|            |  |                    |                       |               |              |                  | * <b>06/97</b>  |

| (1)<br>No. | (2)<br>Name and location | (3)<br>Position    | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks  |
|------------|--------------------------|--------------------|-----------------------|---------------|--------------|------------------|---|
| 10625      | - <i>Lighted Buoy 10</i> |                    | <b>FI R</b> 4s        |               | 4            | Red.             | Nun; winter marker.<br>Maintained from Apr. 21 to<br>Dec. 14.<br>* <b>06/97</b> |
| 10640      | - <i>Lighted Buoy 11</i> |                    | <b>FI G</b> 2.5s      |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10650      | - <i>Lighted Buoy 13</i> | 43 43.0<br>83 47.6 | <b>FI G</b> 4s        |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10655      | - <i>Lighted Buoy 14</i> |                    | <b>FI R</b> 4s        |               | 4            | Red.             | Replaced by nun from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10660      | - <i>Lighted Buoy 15</i> |                    | <b>FI G</b> 4s        |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10665      | - <i>Lighted Buoy 16</i> |                    | <b>FI R</b> 4s        |               | 4            | Red.             | Replaced by nun from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10670      | - <i>Lighted Buoy 17</i> |                    | <b>FI G</b> 4s        |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10675      | - <i>Lighted Buoy 18</i> |                    | <b>FI R</b> 4s        |               | 4            | Red.             | Replaced by nun from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10680      | - <i>Lighted Buoy 19</i> |                    | <b>FI G</b> 4s        |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10685      | - <i>Lighted Buoy 20</i> | 43 40.4<br>83 49.9 | <b>FI R</b> 4s        |               | 4            | Red.             | Replaced by nun from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10710      | - <i>Lighted Buoy 21</i> | 43 39.6<br>83 50.4 | <b>FI G</b> 2.5s      |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10715      | - <i>Lighted Buoy 22</i> | 43 39.7<br>83 50.5 | <b>FI R</b> 2.5s      |               | 4            | Red.             | Replaced by nun from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10720      | - <i>Lighted Buoy 23</i> |                    | <b>FI G</b> 2.5s      |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10725      | - <i>Lighted Buoy 24</i> |                    | <b>FI R</b> 2.5s      |               | 4            | Red.             | Replaced by nun from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10735      | - <i>Lighted Buoy 25</i> | 43 39.0<br>83 50.9 | <b>FI G</b> 2.5s      |               | 4            | Green.           | Replaced by can from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |
| 10740      | - <i>Lighted Buoy 28</i> | 43 38.8<br>83 51.0 | <b>FI R</b> 2.5s      |               | 4            | Red.             | Replaced by nun from Dec. 14<br>to Apr. 21.<br>* <b>06/97</b>                   |

**\*\*Change Note:**

**Saginaw River**

*Lighted buoys maintained from Apr. 21 to Dec. 14.*

|       |                                 |                    |            |                 |  |                                 |
|-------|---------------------------------|--------------------|------------|-----------------|--|---------------------------------|
| 10760 | ESSEXVILLE RANGE<br>FRONT LIGHT | 43 37.4<br>83 50.3 | <b>F G</b> | 32<br><b>10</b> |  | KRW on black skeleton<br>tower. |
|-------|---------------------------------|--------------------|------------|-----------------|--|---------------------------------|



|            |                               |                 |                       |               |              |                  |                          | 06/97 |
|------------|-------------------------------|-----------------|-----------------------|---------------|--------------|------------------|--------------------------|-------|
| (1)<br>No. | (2)<br>Name and location      | (3)<br>Position | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks           |       |
| 10775      | - <i>Lighted Buoy 4</i><br>*  |                 | <b>FI R</b> 4s<br>*   |               | 4<br>*       | Red.<br>*        | Nun; winter marker.<br>* | 04/97 |
| 10805      | - <i>Lighted Buoy 12</i><br>* |                 | <b>FI R</b> 2.5s      |               | 4            | Red.             | Nun; winter marker.      | 04/97 |
| 10810      | - Buoy 14<br>*                |                 |                       |               |              | Red nun.         |                          | 04/97 |
| 10815      | - <i>Lighted Buoy 16</i><br>* |                 | <b>FI R</b> 4s        |               | 4            | Red.             | Nun; winter marker.      | 04/97 |
| 10817      | - Buoy 18<br>*                | *               | *                     | *             | *            | Red nun.<br>*    | *                        | 04/97 |
| 10820      | - Buoy 19<br>*                |                 |                       |               |              | Green can.       |                          | 04/97 |
| 10825      | - Buoy 20<br>*                |                 |                       |               |              | Red nun.         |                          | 04/97 |
| 10830      | - Buoy 21<br>*                |                 |                       |               |              | Green can.       |                          | 04/97 |
| 10835      | - <i>Lighted Buoy 23</i><br>* |                 | <b>FI G</b> 4s        |               | 4            | Green.           | Can; winter marker.<br>* | 04/97 |
| 10840      | - Buoy 25<br>*                |                 |                       |               |              | Green can.       |                          | 04/97 |
| 10845      | - Buoy 27<br>*                |                 |                       |               |              | Green can.       |                          | 04/97 |
| 10850      | - <i>Lighted Buoy 28</i><br>* |                 | <b>FI R</b> 4s<br>*   |               | 3<br>*       | Red.<br>*        | Nun; winter marker.<br>* | 04/97 |
| 10855      | - Buoy 30<br>*                |                 | *                     |               | *            | Red nun.<br>*    |                          | 04/97 |
| 10860      | - <i>Lighted Buoy 31</i><br>* |                 | <b>FI G</b> 4s<br>*   |               | 4<br>*       | Green.<br>*      |                          | 04/97 |
| 10862      | - Buoy 33<br>*                | *               | *                     | *             | *            | Green can.<br>*  | *                        | 04/97 |
| 10865      | - <i>Lighted Buoy 35</i><br>* |                 | <b>FI G</b> 4s<br>*   |               | 3<br>*       | Green.<br>*      |                          | 04/97 |
| 10870      | - Buoy 37<br>*                |                 |                       |               |              | Green can.       |                          | 04/97 |
| 10875      | - <i>Lighted Buoy 36</i><br>* | *               | <b>FI R</b> 4s        |               | 4            | Red.             |                          | 04/97 |
| 10880      | - Buoy 39<br>*                |                 |                       |               |              | Green can.       |                          | 05/97 |
| 10885      | - Buoy 40<br>*                |                 |                       |               |              | Red nun.         |                          | 05/97 |
| 10890      | - Buoy 41<br>*                |                 |                       |               |              | Green can.       |                          | 05/97 |
| 10895      | - Buoy 42<br>*                |                 |                       |               |              | Red nun.         |                          | 05/97 |

| (1)<br>No. | (2)<br>Name and location      | (3)<br>Position | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks                         |
|------------|-------------------------------|-----------------|-----------------------|---------------|--------------|------------------|--|
| 10900      | - <i>Lighted Buoy 43</i><br>* |                 | <b>FI G</b> 2.5s<br>* |               | 3<br>*       | Green.<br>*      | <b>05/97</b>                           |
| 10905      | - <i>Lighted Buoy 44</i><br>* |                 | <b>FI R</b> 4s        |               | 4            | Red.             | Nun; winter marker.<br><b>05/97</b>    |
| 10910      | - <i>Lighted Buoy 45</i><br>* |                 | <b>FI G</b> 4s        |               | 4            | Green.           | <b>05/97</b>                           |
| 10915      | - Buoy 46<br>*                |                 |                       |               |              | Red nun.         | <b>05/97</b>                           |
| 10920      | - Buoy 35                     |                 |                       |               |              |                  | Remove from list.<br>*<br><b>05/97</b> |
| 10925      | - Buoy 47<br>*                |                 |                       |               |              | Green can.       | <b>05/97</b>                           |
| 10930      | - <i>Lighted Buoy 48</i><br>* |                 | <b>FI R</b> 4s        |               | 4            | Red.             | Nun; winter marker.<br><b>05/97</b>    |
| 10935      | - Buoy 49<br>*                |                 |                       |               |              | Green can.       | <b>05/97</b>                           |
| 10940      | - <i>Lighted Buoy 50</i><br>* |                 | <b>FI R</b> 4s        |               | 4            | Red.             | Nun; winter marker.<br><b>05/97</b>    |
| 10945      | - Buoy 52<br>*                |                 |                       |               |              | Red nun.         | <b>05/97</b>                           |
| 10950      | - Buoy 53<br>*                |                 |                       |               |              | Green can.       | <b>05/97</b>                           |
| 10955      | - <i>Lighted Buoy 54</i><br>* |                 | <b>FI R</b> 4s        |               | 4            | Red.             | Nun; winter marker.<br><b>05/97</b>    |
| 10960      | - Buoy 55<br>*                |                 |                       |               |              | Green can.       | <b>05/97</b>                           |
| 10965      | - Buoy 56<br>*                |                 |                       |               |              | Red nun.         | <b>05/97</b>                           |
| 10970      | - <i>Lighted Buoy 57</i><br>* |                 | <b>FI G</b> 4s        |               | 4            | Green.           | Can; winter marker<br><b>05/97</b>     |
| 10975      | - Buoy 59<br>*                |                 |                       |               |              | Green can.       | <b>05/97</b>                           |
| 10980      | - Buoy 60<br>*                |                 |                       |               |              | Red nun.         | <b>05/97</b>                           |
| 10985      | - Buoy 61<br>*                |                 |                       |               |              | Green can.       | <b>05/97</b>                           |
| 10990      | - <i>Lighted Buoy 62</i><br>* |                 | <b>FI R</b> 4s        |               | 4            | Red.             | <b>05/97</b>                           |
| 10995      | - Buoy 63<br>*                |                 |                       |               |              | Green can.       | <b>05/97</b>                           |
| 11000      | - Buoy 64<br>*                |                 |                       |               |              | Red nun.         | <b>05/97</b>                           |
| 11005      | - Buoy 65<br>*                |                 |                       |               |              | Green can.       | <b>05/97</b>                           |

| (1)<br>No. | (2)<br>Name and location              | (3)<br>Position         | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure     | (8)<br>Remarks                                      |
|------------|---------------------------------------|-------------------------|-----------------------|---------------|--------------|----------------------|---|
| 11010      | - Buoy 66<br>*                        |                         |                       |               |              | Red nun.             | 05/97   |
| 11015      | - Buoy 67<br>*                        |                         |                       |               |              | Green can.           | 05/97   |
| 11020      | - <i>Lighted Buoy 68</i><br>*         |                         | FI R 4s               |               | 4            | Red.                 | Nun; winter marker.<br>05/97                        |
| 11025      | - Buoy 59                             |                         |                       |               |              |                      | Remove from list.<br>* 05/97                        |
| 11030      | - Buoy 60                             |                         |                       |               |              |                      | Remove from list.<br>* 05/97                        |
| 11035      | - Buoy 69<br>*                        |                         |                       |               |              | Green can.           | 05/97   |
| 11040      | - Buoy 70<br>*                        |                         |                       |               |              | Red.                 | 05/97   |
| 11045      | - <i>Lighted Buoy 71</i><br>*         |                         | FI G 4s               |               | 4            | Green.               | 05/97   |
| 11050      | - Buoy 72<br>*                        |                         |                       |               |              | Red nun.             | 05/97   |
| 11055      | - Buoy 73<br>*                        |                         |                       |               |              | Green can.           | 05/97   |
| 11060      | - Buoy 74<br>*                        |                         |                       |               |              | Red nun.             | 05/97   |
| 11065      | - Buoy 76<br>*                        |                         |                       |               |              | Red nun.             | 05/97   |
| 11070      | - Buoy 78<br>*                        |                         |                       |               |              | Red nun.             | 05/97   |
| 11075      | - <i>Lighted Buoy 80</i><br>*         |                         | FI R 4s               |               | 4            | Red.                 | Nun; winter marker.<br>05/97                        |
| 11080      | - Buoy 82<br>*                        |                         |                       |               |              | Red nun.             | 05/97   |
| 11082<br>* | - Buoy 84<br>*                        | *                       | *                     | *             | *            | Red nun.<br>*        | * 05/97   |
| 11085      | - Buoy 86<br>*                        |                         |                       |               |              | Red nun.             | 05/97   |
| 11090      | - Buoy 88<br>*                        |                         |                       |               |              | Red nun.             | 05/97   |
| 11095      | - Buoy 89<br>*                        |                         |                       |               |              | Green can.           | 05/97   |
| 11252      | Tawas Bay Yacht Club<br>Race Buoy C   |                         |                       |               |              |                      | Remove from list.<br>* 09/97                        |
| 11253      | Tawas Bay Yacht Club<br>Race Buoy A   |                         |                       |               |              |                      | Remove from list.<br>* 09/97                        |
| 11420      | - <i>Junction Lighted<br/>Buoy TB</i> | 45 03.3<br>83 25.0<br>* | FI (2+1) R 6s         |               | 3            | Red and green bands. | Replaced by nun from Dec. 1<br>to Apr. 28.<br>05/97 |

| (1)<br>No.   | (2)<br>Name and location                       | (3)<br>Position         | (4)<br>Characteristic  | (5)<br>Height              | (6)<br>Range  | (7)<br>Structure                             | (8)<br>Remarks  |
|--------------|--|-------------------------|--|----------------------------|---------------|--|---|
| 11530        | <b>Stoneport Light</b>                         | 45 17.8<br>83 25.1      | <b>Al WR</b> 60s<br>3s W fl 27sec<br>3s R fl 27sec                                   | 55 <b>W</b><br>17 <b>R</b> | 25<br>21      | White cylindrical structure.                 | Maintained from Apr. 1 to<br>Dec. 31.<br>Private aid.<br>* <b>04/97</b>   |
| 12585<br>*   | <b>Old Round Island Point<br/>Light</b><br>*   | 45 50.2<br>84 37.0<br>* | <b>FL W</b> 10s<br>*   |                            | 53<br>16<br>* | Red and white conical<br>tower.              | Private aid.<br>* <b>13/97</b>  |
| 13217<br>*   | - <i>Lighted Buoy 29</i><br>*                  | *<br>*                  | <b>Fl G</b> 2.5s<br>*  | *<br>*                     | 4<br>*        | Green.<br>*                                  | Replaced by LIB from Dec. 7<br>to Apr. 21.<br>* <b>12/97</b>  |
| 13220<br>*   | - <i>Lighted Buoy 31</i><br>*                  |                         | <b>Fl G</b> 4s   |                            | 4             | Green.                                       | Replaced by LIB from Dec. 7<br>to Apr. 21.<br><b>12/97</b>  |
| 14355        | BRUSH POINT LIGHT A<br>*                       | 46 28.3<br>84 27.5      | <b>Q W</b><br>*  |                            | 3<br>*        | NB on post.                                  | * <b>15/97</b>  |
| 14385<br>*   | <i>Cedar Point Lighted<br/>Buoy P20</i><br>(C) |                         | <b>Fl R</b> 4s   |                            |               | Red.   | Spar; winter marker.<br><b>09/97</b>  |
| 14405<br>*   | <i>Cedar Point Lighted<br/>Buoy P22</i><br>(C) |                         | <b>Fl R</b> 4s   |                            |               | Red.   | Spar; winter marker.<br><b>09/97</b>  |
| 15845        | - <b>South Breakwater<br/>Outer Light</b>      | 46 46.8<br>92 05.3      | <b>F G</b>   | 44<br>13                   | 19            | White tower on fog<br>signal building<br>35  | HORN (2300-0700):<br>2 blasts ev 60s<br>(3s bl-3s si-3s bl-<br>51s si).<br>HORN (0700-2300):<br>1 blast ev 60s for<br>2 min (4s bl- 52s si),<br>followed by 2 blasts<br>(2s bl-1s si-5s bl-56s si).<br>* <b>08/97</b> |
| 16850        | <i>NOAA Lighted Weather<br/>Buoy 45004</i>     | 47 33.8<br>86 33.0<br>* | <b>Fl (4) Y</b> 20s  |                            |               | Yellow disc-shaped hull<br>with tripod mast. | Replaced by nun from Nov.<br>to Apr.<br><b>09/97</b>  |
| 16880        | <i>NOAA Lighted Weather<br/>Buoy 45001</i>     | 48 03.8<br>87 46.7<br>* | <b>Fl (4) Y</b> 20s<br>1s fl 1.5sec<br>1s fl 1.5sec<br>1s fl 1.5sec<br>1s fl 11.5sec |                            |               | Yellow disc-shaped hull.                     | Replaced by nun from Nov. to<br>Apr.<br><b>09/97</b>  |
| 18111.1<br>* | <i>NOAA Research Lighted<br/>Buoy A</i><br>*   | 44 47.5<br>85 36.5<br>* | <b>Q Y</b><br>*  | *<br>*                     | *<br>*        | Orange; spar.<br>*                           | Maintained from May 1<br>to Oct. 15.<br>Private aid.<br>* <b>09/97</b>  |
| 18111.2<br>* | <i>NOAA Research Lighted<br/>Buoy B</i><br>*   | 44 49.5<br>85 37.2<br>* | <b>Q Y</b><br>*  | *<br>*                     | *<br>*        | Orange; spar.<br>*                           | Maintained from May 1<br>to Oct. 15.<br>Private aid.<br>* <b>09/97</b>  |
| 18111.3<br>* | <i>NOAA Research Lighted<br/>Buoy C</i><br>*   | 44 56.8<br>85 34.2<br>* | <b>Q Y</b><br>*  | *<br>*                     | *<br>*        | Orange; spar.<br>*                           | Maintained from May 1<br>to Oct. 15.<br>Private aid.<br>* <b>09/97</b>  |

| (1)<br>No. | (2)<br>Name and location                        | (3)<br>Position    | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                             | (8)<br>Remarks   |
|------------|---|--------------------|-----------------------|---------------|--------------|--|--|
| 18111.4    | NOAA Research Lighted Buoy D                    | 45 01.8<br>85 33.1 | Q Y                   |               |              | Orange; spar.                                | Maintained from May 1 to Oct. 15.<br>Private aid.<br>* 09/97                             |
| *          | *   | *                  | *                     | *             | *            | *  |  |
| 18111.5    | NOAA Research Lighted Buoy E                    | 45 16.9<br>85 29.1 | Q Y                   |               |              | Orange; spar.                                | Maintained from May 1 to Oct. 15.<br>Private aid.<br>* 09/97                             |
| *          | *   | *                  | *                     | *             | *            | *  |  |
| 18111.6    | NOAA Research Lighted Buoy F                    | 44 56.8<br>85 26.8 | Q Y                   |               |              | Orange; spar.                                | Maintained from May 1 to Oct. 15.<br>Private aid.<br>* 09/97                             |
| *          | *   | *                  | *                     | *             | *            | *  |  |
| 18390      | - NORTH PIERHEAD LIGHT                          |                    | F G                   | 31<br>9       | 6            | SG on post.                                  |  |
|            |   |                    |                       |               | *            |  | 12/97  |
| 18395      | - SOUTH PIERHEAD LIGHT                          |                    | F R                   | 30<br>9       | 6            | TR on red skeleton tower.<br>27              |  |
|            |   |                    |                       |               | *            |  | 12/97  |
| 18410      | ARCADIA HARBOR LIGHT 2                          | 44 28.9<br>86 15.0 | Fl R 2.5s             | 30<br>9       | 5            | White cylindrical tower with red band.       |  |
|            |   |                    |                       |               | *            |  | 13/97  |
| 18660      | - PIERHEAD INNER LIGHT 4                        |                    | Fl R 2.5s             | 30<br>9       | 4            | TR on skeleton tower.                        |  |
|            |   |                    |                       |               | *            |  | 15/97  |
| 18725      | - NORTH PIER OUTER LIGHT                        | 43 13.7<br>86 20.5 | Fl G 4s               | 30<br>9       | 4            | SG on post.                                  | Higher intensity beam on bearing 058 diminishing around remainder of horizon.<br>* 06/97 |
|            |   |                    |                       |               | *            |  |  |
| 18735      | - LAKE LIGHT                                    |                    | F R                   | 28<br>9       | 6            | White cylindrical tower with red band.       | Higher intensity beam on bearing 280.<br>HORN: 1 blast ev 30s (3s bl).<br>* 06/97        |
|            |   |                    |                       |               | *            |  |  |
| 18875      | - HARTSHORN LIGHT<br>Marks north side of shoal. |                    | Fl R 4s               | 15<br>5       | 3            | TR on column.                                |  |
|            |   |                    |                       |               | *            |  | 12/97  |
| 18975      | - SOUTH PIERHEAD INNER LIGHT                    |                    | Oc R 4s               | 52<br>16      | 4            | Red cylindrical tower.<br>51                 |  |
|            |   |                    |                       |               | *            |  | 12/97  |
| 19647      | UNIVERSITY OF MICHIGAN TOWER LIGHT              | 44 02.1<br>86 30.6 | Q W                   |               | 20<br>6      | Silver antenna mast supported by guy wires.  | Private aid.<br>* 09/97  |
| *          | *   | *                  | *                     | *             | *            | *  |  |
| 19860      | FILTRATION PLANT BREAKWATER SOUTH END LIGHT     | 41 45.4<br>87 32.3 | Fl W 2.5s             | 39<br>12      |              | NW marked "DANGER" on orange skeleton tower. | Maintained from May 1 to Nov. 1.<br>Private aid.<br>* 11/97                              |
|            |   | *                  | *                     |               |              | *  |  |
| 19865      | FILTRATION PLANT BREAKWATER NORTH END LIGHT     | 41 45.7<br>87 32.6 | Fl W 2.5s             | 39<br>12      |              | NW marked "DANGER" on orange skeleton tower. | Maintained from May 1 to Nov. 1.<br>Private aid.<br>* 11/97                              |
|            |   | *                  | *                     |               |              | *  |  |
| 19960      | - Light   | 41 53.4<br>87 35.4 | Fl R 5s               | 82<br>25      | 24           | White conical tower.                         | HORN: 2 blasts ev 30s (1s bl).<br>Operates from Apr. to Dec.<br>Floodlighted.<br>* 15/97 |

| (1)<br>No. | (2)<br>Name and location  | (3)<br>Position         | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                     | (8)<br>Remarks  |
|------------|---|-------------------------|-----------------------|---------------|--------------|--|---|
| 20025      | - OAK STREET<br>BREAKWATER LIGHT  | 41 54.2<br>87 36.4      | <b>FI G</b> 4s<br>*   | 30<br>9<br>*  | 5<br>*<br>*  | SG on post.<br>*<br>*                                | *<br><br><b>12/97</b>   |
| 20490      | - EAST HARBOR<br>ENTRANCE LIGHT 2   | 42 44.0<br>87 46.2      | <b>F R</b><br>*<br>*  | 50<br>15<br>* |              | On steel post with<br>10 ft. lightpipe.<br>*<br>*    | Maintained from Apr 1<br>to Nov. 1.<br>HORN: 2 blasts ev 18s<br>(2s bl-2s si-2sbl-12s si).<br>Private aid.<br>*<br><b>09/97</b>   |
| 20605      | <b>Wind Point Light</b>   | 42 46.9<br>87 45.5      | <b>FI W</b> 20s       | 111<br>34     | 29           | White conical tower<br>connected to dwelling.<br>108 | *<br><b>15/97</b>   |
| 20635      | <b>- Breakwater Light</b>   | 43 01.6<br>87 52.9      | <b>FI R</b> 10s       | 61<br>19      | 14           | Black lantern on white<br>square structure.<br>53    | HORN: 2 blasts ev 20s<br>(2s bl-2s si-2s bl-14 si).<br>Structure is floodlighted from<br>sunset to sunrise.<br>Submarine cable runs to<br>Milwaukee Pierhead Light.<br>Illuminated sign on<br>channelward side of light<br>structure worded: CABLE<br>CROSSING NO ANCHORING.<br>*<br><b>15/97</b> |
| 20820      | <b>- Breakwater Light</b>   | 43 45.0<br>87 41.5      | <b>FI W</b> 4s<br>*   | 55<br>17      | 9<br>*       | On cylindrical tower.<br>50                          | *<br><b>09/97</b>   |
| 21060      | - LIGHT 12  | 44 48.8<br>87 20.7<br>* | <b>FI R</b> 4s        | 21<br>6       | 3<br>*       | TR on pile.<br>15                                    | <br><br><b>12/97</b>  |
| 21337      | - NORTHPORT HARBOR<br>BREAKWATER LIGHT 1  | 45 17.5<br>86 58.6      | <b>FI G</b> 2.5s      | 20<br>6       |              | SG on blue pole.                                     | Private aid.  |
| *          | *   | *                       | *                     | *             |              | *  | *<br><b>15/97</b>   |
| 21338      | - NORTHPORT HARBOR<br>BREAKWATER LIGHT 2  |                         | <b>FI R</b> 2.5s      | 20<br>6       |              | TR on blue pole.                                     | Private aid.  |
| *          | *   |                         | *                     | *             |              | *  | *<br><b>15/97</b>   |
| 21345      | <i>Plumb Island Lighted<br/>Buoy 1</i><br>Marks northeast side of<br>shoal.               | 45 19.5<br>86 56.9<br>* | <b>FI G</b> 2.5s      |               | 5            | Green.   | Replaced by can from Nov. 21<br>to Apr. 21.<br><br><b>08/97</b>   |
| 21423      | Rock Island South Shoal<br>Buoy 2   |                         |                       |               |              |  | Remove from list.<br>*<br><b>08/97</b>  |
| 21430      | - <i>Lighted Gong<br/>Buoy RI</i>   |                         |                       |               |              |  | Remove from list.<br>*<br><b>08/97</b>  |
| 21435      | <i>St. Martin Island Shoals<br/>Lighted Buoy 2</i><br>Marks south side of<br>shoal.<br>*. |                         | <b>FI R</b> 2.5s<br>* |               | 4<br>*<br>*  | Red.<br>*<br>*                                       | Replaced by nun from Nov. 21<br>to Apr. 21.<br>*<br><b>12/97</b>  |

| (1)<br>No. | (2)<br>Name and location  | (3)<br>Position    | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks  |
|------------|---|--------------------|-----------------------|---------------|--------------|------------------|---|
| 21585      | Fairport Five-Foot Shoal<br>Buoy 2<br>Marks northeast side of<br>shoal.                                   |                    |                       |               |              |                  | Remove from list.<br><br>* 08/97  |
| 21592      | - OGONTZ BAY BOAT<br>LAUNCH LIGHT   |                    | FI Y 15s              | 20<br>6       |              | On post.         | Maintained from Apr. 15<br>to Oct 30.<br>Private aid.<br>* 13/97                  |
| *          | *   |                    | *                     | *             |              | *                |   |
| 21600      | <i>Drisco Shoal Lighted<br/>Bell Buoy 2</i><br>Marks south side of<br>shoal.                              | 45 33.3<br>86 57.6 | FI R 2.5s             |               | 4            | Red.             | Replaced by nun from Nov. 21<br>to Apr. 28.<br><br>* 08/97                        |
|            |   | *                  |                       |               |              |                  |   |
| 21630      | - <i>Lighted Buoy 8</i><br>Marks shoal.<br>*  | 45 43.8<br>87 01.5 | FI R 4s               |               | 4            | Red.             | Maintained from Apr. 28 to<br>Dec. 1.<br>08/97                                    |
| 21690      | <i>Squaw Point Lighted<br/>Buoy 12</i><br>*   | 45 49.9<br>87 00.4 | FI R 6s               |               | 5            | Red.             | Maintained from Apr. 28 to<br>Nov. 21.<br>08/97                                   |
| 21730      | Saunders Point Buoy 13<br>*   | 45 50.9<br>86 59.7 |                       |               |              | Green can.       | 08/97   |
| 21740      | Saunders Point Shoal Inside<br>Buoy 15<br>Marks north side of<br>shoal.<br>*                              | 45 51.1<br>86 59.9 |                       |               |              | Green can.       | 08/97   |
| 21741      | - HUNTERS POINT BOAT<br>LAUNCH LIGHT  |                    | FI Y 15s              | 20<br>6       |              | On post.         | Maintained from Apr. 15<br>to Oct 30.<br>Private aid.<br>* 13/97                  |
| *          | *   |                    | *                     | *             |              | *                |   |
| 21766      | Jackson Harbor Buoy 2<br><br>*  |                    |                       |               |              | Red nun.         | Buoy may be relocated without<br>prior notice to mark best<br>channel.<br>* 08/97 |
| *          | *   | *                  | *                     | *             | *            | *                |   |
| 21775      | <i>Whaleback Shoal East<br/>End Lighted Bell<br/>Buoy 4</i><br>Marks southeast side of<br>shoal.<br><br>* | 45 21.1<br>87 10.2 | FI R 6s               |               | 5            | Red.             | Replaced by nun from Dec. 1<br>to Apr. 21.<br><br>12/97                           |

#### IX. ENCLOSURES

(1) Coast Pilot 6 2<sup>nd</sup> Ed 1997 change No. 1

John F. McGowan  
Rear Admiral, U. S. Coast Guard  
Commander, Ninth Coast Guard District